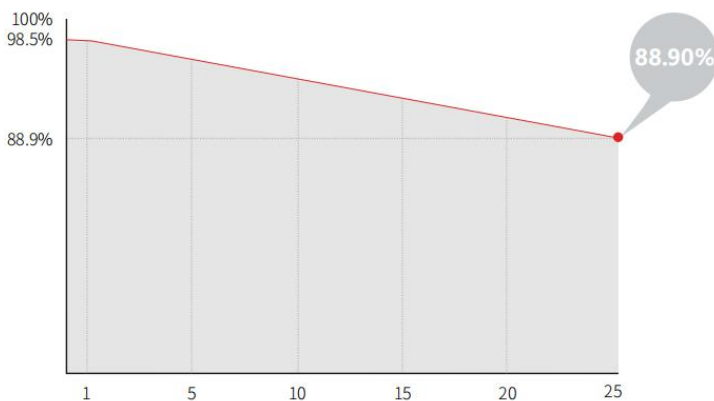


# SVM10-144

## 565-585W



25-Year Power Warranty



15-year Warranty for Materials and Processing



25-year Warranty for Extra Linear Power Output

- Suitable for Distribution Market
- Simple design embodies modern style
- Better energy generation performance
- High-quality module guarantees long-term reliability

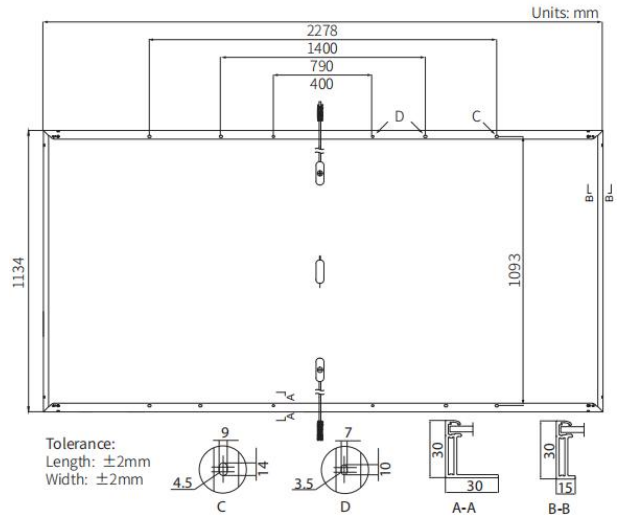




# SVM10-(565~585)-144

## Mechanical Parameters

Cell Orientation	144 (6×24)
Junction Box	IP68
Output Cable	4mm <sup>2</sup> , +400, -200mm/±1400mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	27.2kg
Dimension	2278×1134×30mm
Packaging	36pcs per pallet / 180pcs per 20' GP / 720pcs per 40' HC



## Electrical Characteristics

Model	SVM10-565-144		SVM10-570-144		SVM10-575-144		SVM10-580-144		SVM10-585-144		
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Max-power Pm(W)	565	422	570	426	575	430	580	433	585	437	
Open-circuit voltage Voc(V)	51.76	48.60	51.91	48.74	52.06	48.88	52.21	49.02	52.36	49.16	
Open-circuit current Isc(A)	14.01	11.31	14.07	11.36	14.14	11.42	14.20	11.47	14.27	11.52	
Max-power voltage Vmp(V)	43.61	39.79	43.76	39.93	43.91	40.07	44.06	40.20	44.21	40.34	
Max-power current Imp(A)	12.96	10.61	13.03	10.68	13.10	10.73	13.17	10.78	13.24	10.84	
STC: AM 1.5, 1000W/m <sup>2</sup> , 25°C						BSTC: AM 1.5, 800W/m <sup>2</sup> , 20°C, 1m/s					

## Temperature Ratings (STC)

Nominal Module Operating Temperature	45±2°C
Temperature Coefficient Of Pmax (%/°C)	-0.290
Temperature Coefficient Of Voc (%/°C)	-0.230
Temperature Coefficient Of Isc (%/°C)	0.050

## Operating Parameters

Operating Temperature	-40~ + 85°C
Storage Temperature	-40~ + 85°C
Maximum Series Fuse Rating	25A
Maximum System Voltage	DC1500V